

1965

Sixth Annual Eastern Iowa Science Fair - April 10-11

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ium, sodium and calcium, but essentially free of magnesium and iron. These may be designated as sialic silicates — rich in Si and Al. The sialic silicates include quartz, feldspars, white mica, the clay minerals, and others. These minerals are colorless (white or notably light-colored) and of lower specific gravity than the other common silicates. The second group of silicates includes those relatively poor in silicon and alumi-

num, but generally rich in iron and magnesium. These are designated as femag silicates. They are generally dark in color (gray, green, or black) and have higher specific gravity than the sialic silicates.

"For special information on Earth Science Institute in Iowa this summer, see page 68.

(This article will continue in the next issue of the Journal with a discussion of rock types, and the petrogenic cycle.)

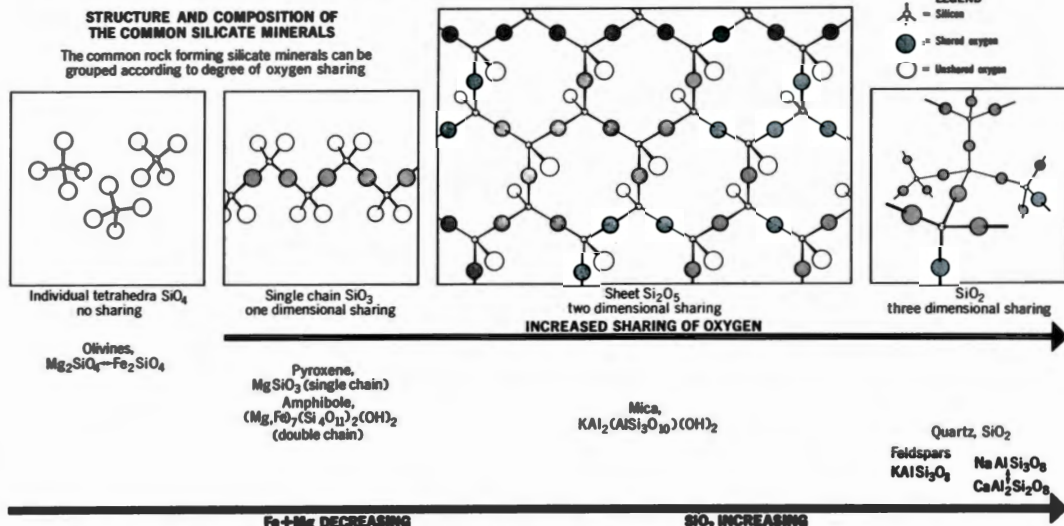


FIG. 2. — Relation of chemical composition to the arrangement of tetrahedra in some common types of silicates. Courtesy, Earth Science Curriculum Project.

SIXTH ANNUAL EASTERN IOWA SCIENCE FAIR - April 10-11

The Sixth Annual Eastern Iowa Science Fair is scheduled to be held April 10 and 11, 1965 on the campus of Coe College, Cedar Rapids, Iowa. Paul Brower, Collins Radio Company, is Fair Director.

Students are being encouraged to enter exhibits and scientific papers in the biological or physical science field. In line with a current trend, the papers section of the fair is receiving added emphasis. An advisory group headed by Dr. Dale Morgan (M.D.) stands ready to help or to guide the students to sources of scientific information. As in previous years, major winners will be awarded scholarships, trips to the National Science Fair, and cash prizes. The 1964 Eastern Iowa Science Fair attracted 223 entries from 51 schools.

Additional information and entry blanks may be obtained by writing to the Eastern Iowa Science Fair, Box 441, Cedar Rapids, Iowa.